



On-Counter High Performance Bar Code Reader

The Magellan™ 3200VSi bar code reader brings Datalogic's new imaging technology to the high-volume point-of-sale. It is the first bar code scanner to duplicate the speed and wide field-of-view of high-performance omnidirectional laser scanners while adding the benefits associated with imaging. This imaging technology provides outstanding performance when capturing hard-to-read bar codes such as truncated (short), out-of-spec, poorly printed and GS1 DataBar™ codes, and provides support for both linear (1D) and 2D label decoding. The Magellan 3200VSi imager enables both sweep and presentation scanning techniques ensuring maximum productivity and ergonomic ease.

With the renowned quality and reliability famous in all Magellan products, the Magellan 3200VSi imager achieves new levels of product reliability by utilizing a solid-state design that does not require the use of laser modules or spinning motors, ensuring years of worry-free operation.

Unique features not found on any point-of-sale scanner, include a Micro-SD card reader to help with software management, upgrading, and maintenance. Managing software with the Magellan 3200VSi reader is very flexible and includes multiple methods to load new software or to modify existing configuration files and application firmware. Because most of the Magellan 3200VSi scanner features are software based, new capabilities are simple to add, even after the initial installation, increasing the useful life of the scanner and protecting your company's technology investment over time.

Other Magellan product features include Diagnostics Reporting, Host Download and Productivity Index Reporting™ allowing management to use data from the scanner to improve throughput and manage maintenance. Datalogic's Illumix™ intelligent illumination technology optimizes light levels to capture images and read bar codes from mobile phones, PDAs or computer display screens.



Features

- Datalogic's high performance Imaging Technology
- Linear and 2D bar code reading
- Solid-state electronics
- Software driven - flexible and upgradeable
- Micro SD card slot
- Multiple interfaces in every unit
- RS-232 auxiliary port
- Image capture
- Illumix™ intelligent illumination technology reads bar codes from mobile phones or PDAs



Specifications

DECODING CAPABILITY

1D / LINEAR CODES

Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes

2D CODES

STACKED CODES

Aztec Code; Data Matrix (ECC200 Only); MaxiCode; QR Code
GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417

ELECTRICAL

AC POWER REQUIREMENTS

POWER CONSUMPTION

AC Input: 90-264 VAC, 47-63 Hz;

Operating (Maximum): 8.75 Watts; Operating (Nominal): 2.5 Watts

Sleep Mode: 1.8 Watts

ENVIRONMENTAL

AMBIENT LIGHT

ESD PROTECTION (AIR DISCHARGE)

HUMIDITY (NON-CONDENSING)

TEMPERATURE

0 - 86,100 lux

25 kV

5 - 95%

Operating: 0 to 40 °C / 32 to 104 °F

Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

AUXILIARY PORTS

IBM 46xx; Keyboard Wedge; OEM (IBM) USB; RS-232; USB

Powered RS-232

OPTIONAL FEATURES

EAS FEATURES

Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IV, V, VI and VII models

Sensormatic: Good Read Acknowledgement

Diagnostic Reporting; Host Download; Productivity Index Reporting™ (PIR)

VALUE ADDED FEATURES

PHYSICAL CHARACTERISTICS

DIMENSIONS

WEIGHT

14.2 x 15.2 x 8.2 cm / 5.6 x 6.0 x 3.2 in

0.6 kg / 1.3 lb

READING PERFORMANCE

IMAGE CAPTURE

IMAGER SENSOR

LIGHT SOURCE

PRINT CONTRAST RATIO (MINIMUM)

READ HEIGHT

READ RATE (MAXIMUM)

READING ANGLE

READING INDICATORS

RESOLUTION (MAXIMUM)

Graphic Formats: BMP, JPEG

1280 x 1024

Illumination: Multiple diffused 625nm LEDs

25%

14.0 cm / 5.5 in

39 Million pixels per second

Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°

Beeper (Adjustable Tone and Volume); Good Read LED;

Good Transmission

5 mil

READING RANGES

TYPICAL DEPTH OF FIELD

Minimum distance determined by symbol length and scan angle.

Printing resolution, contrast, and ambient light dependent.

5 mils: 1.3 to 6.4 cm / 0.5 to 2.5 in

7.5 mils: 1.3 to 11.4 cm / 0.5 to 4.5 in

10 mils: 0 to 15.2 cm / 0 to 6.0 in

13 mils: 0 to 20.3 cm / 0 to 8.0 in

20 mils: 0 to 22.9 cm / 0 to 9.0 in

SAFETY & REGULATORY

AGENCY APPROVALS

The product meets necessary safety and regulatory approvals for its intended use.

The Quick Reference Guide for this product can be referred to for a complete list of certifications.

ENVIRONMENTAL COMPLIANCE

LED CLASSIFICATION

Complies to China RoHS; Complies to EU RoHS

EN60825-1 Class 1 LED; IEC 60825-1 Class 1 LED Product

UTILITIES

MAGELLAN™ OSP

Magellan On-Screen Programming (OSP) configuration software is available for download at no charge

OPOS / JAVAPOS

JavaPOS Utilities are available for download at no charge

REMOTE HOST DOWNLOAD

OPOS Utilities are available for download at no charge
Lowers service costs and improves operations

WARRANTY

3-Year Factory Warranty

Accessories



Mounts/Stand

- 11-0405 Riser Mount
- 11-0406 Table/Wall Mount

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Product specifications are subject to change without notice.

DS-MAGELLAN3200VSi-EN 20100928

www.scanning.datalogic.com



About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of... [The following text is heavily garbled and appears to be a placeholder or corrupted content.]

We Owe Our Success To You

Our success is due to the support of our customers... [The following text is heavily garbled and appears to be a placeholder or corrupted content.]

Why Choose BarcodesInc?

Dedicated Account A UbU Yf

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

BRANDS



AND MORE